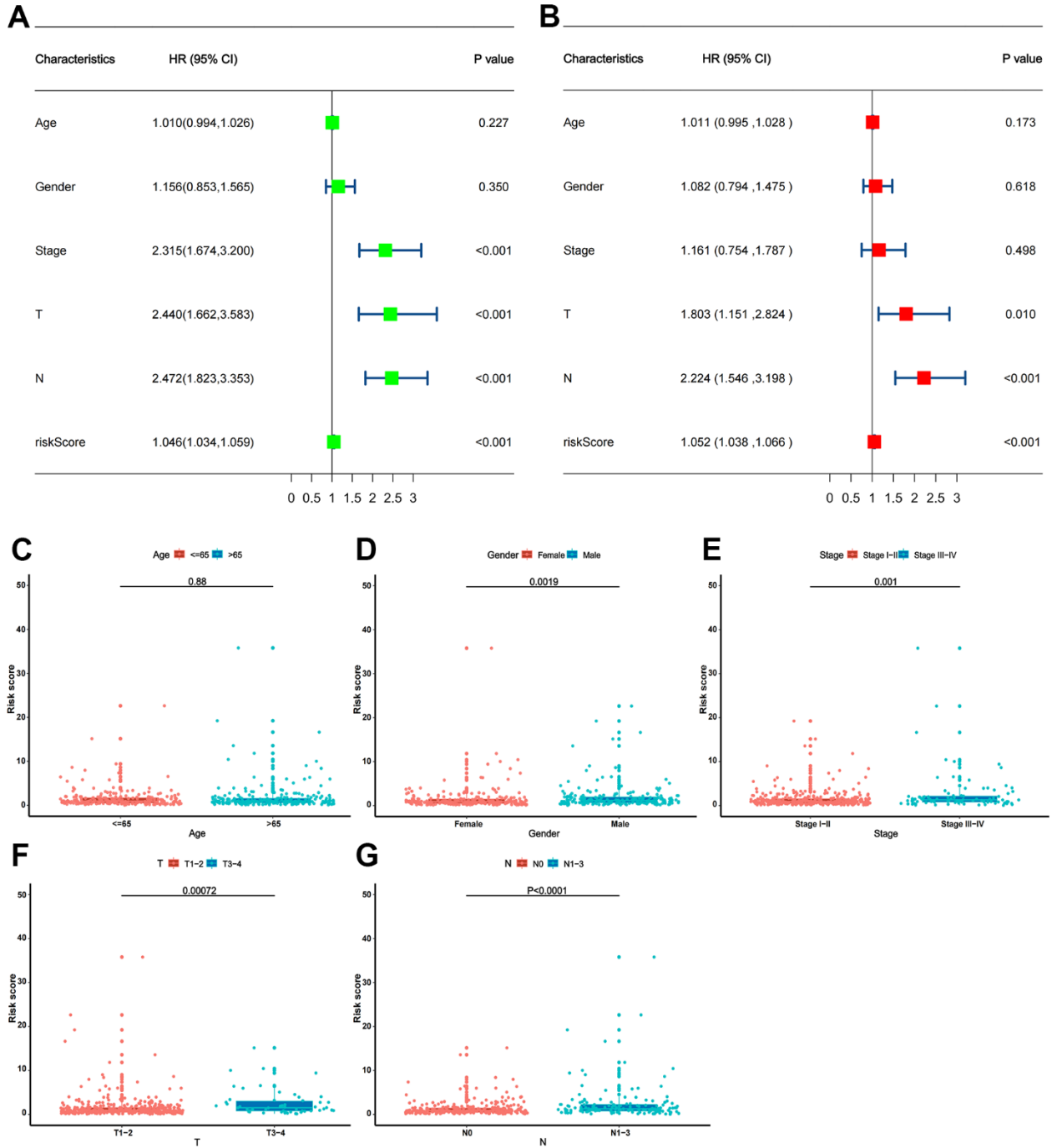
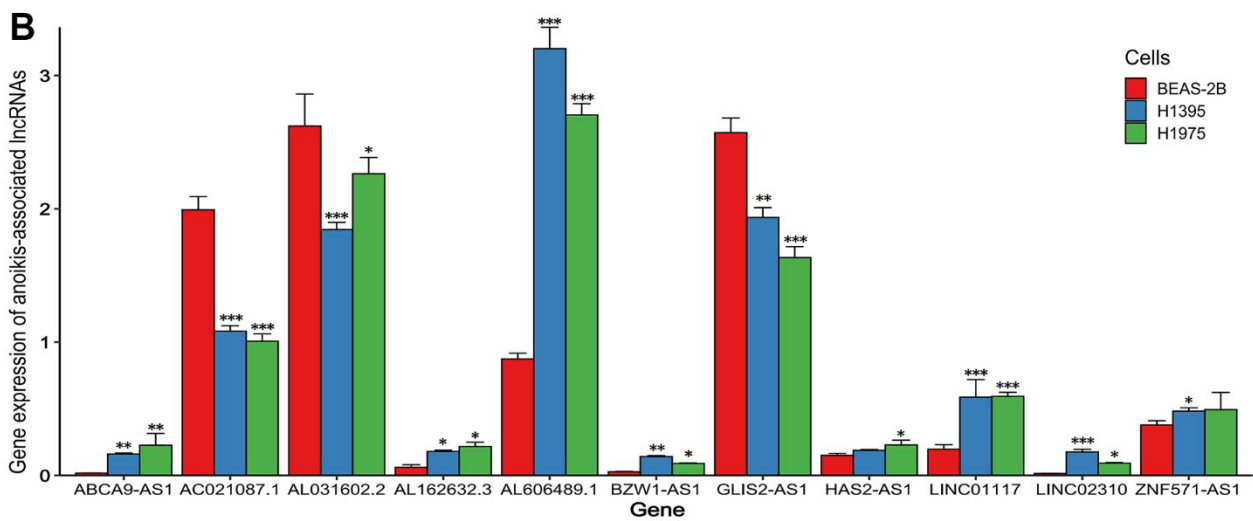
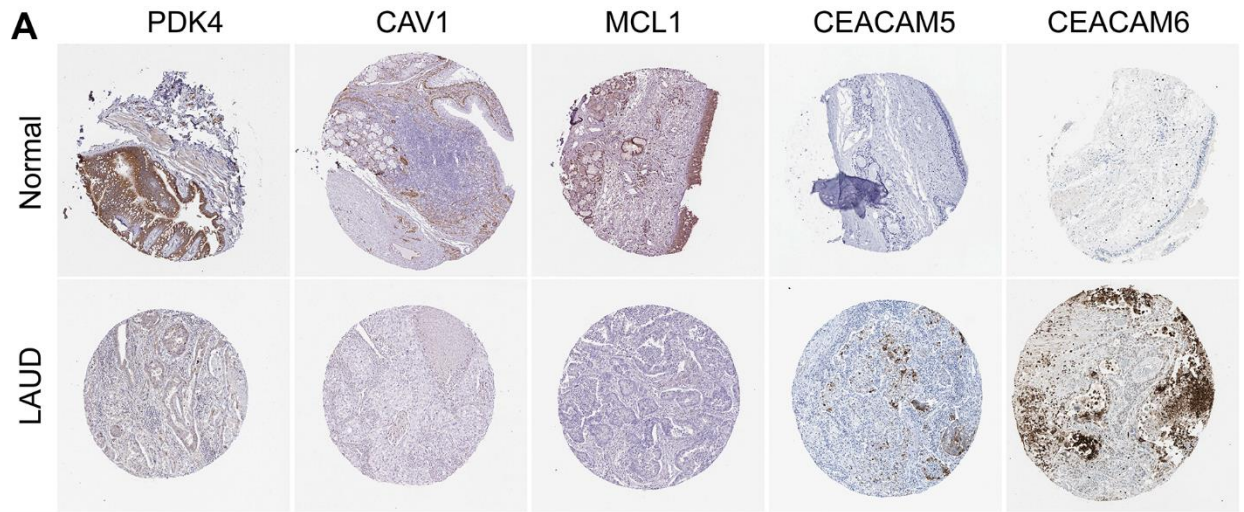


SUPPLEMENTARY FIGURES



Supplementary Figure 1. Independent prognostic analysis of the prognostic signature. (A) Univariate and (B) Multivariate Cox regression analysis to examine the value of clinical characteristics and risk score as independent prognostic predictors. Correlation analysis of risk score with age (C), gender (D), stage (E), T stage (F) and N stage (G).



Supplementary Figure 4. Validation of apoptosis-related genes and ARlncRNAs expression levels. (A) Protein expression map of the top 5 differential apoptosis-related genes in normal and tumor tissues. **(B)** Expression levels of 11 ARlncRNAs in high and low risk groups.